VA PUGET SOUND

PROJECT OVERVIEW – AUGUST 21, 2013

PUGET SOUND HEALTH CARE SYSTEM
PHASE 1 – PARKING STRUCTURE AND ENTRY DRIVE

STANTEC | DESIGN PARTNERSHIP

PROJECT OVERVIEW

1. DESIGN
2. SITE PHASING
3. RISK ANALYSIS

OUR PRINCIPLES DURING DESIGN AND DOCUMENTATION:

- CONSIDER THE NEEDS OF THE VETERAN FIRST,
- PROVIDE CALM AND PEACEFUL ENVIRONMENTS,
- PROVIDE FOR THE NEEDS OF THE STAFF

ADDITIONALLY, WE WOULD ADD:

- CONSIDER THE PHASING NEEDS AND CONSTRAINTS OF THE STATION PRIOR TO, DURING, AND AFTER CONSTRUCTION

PHASE 1 – PARKING STRUCTURE AND ENTRY DRIVE

DESIGN TEAM

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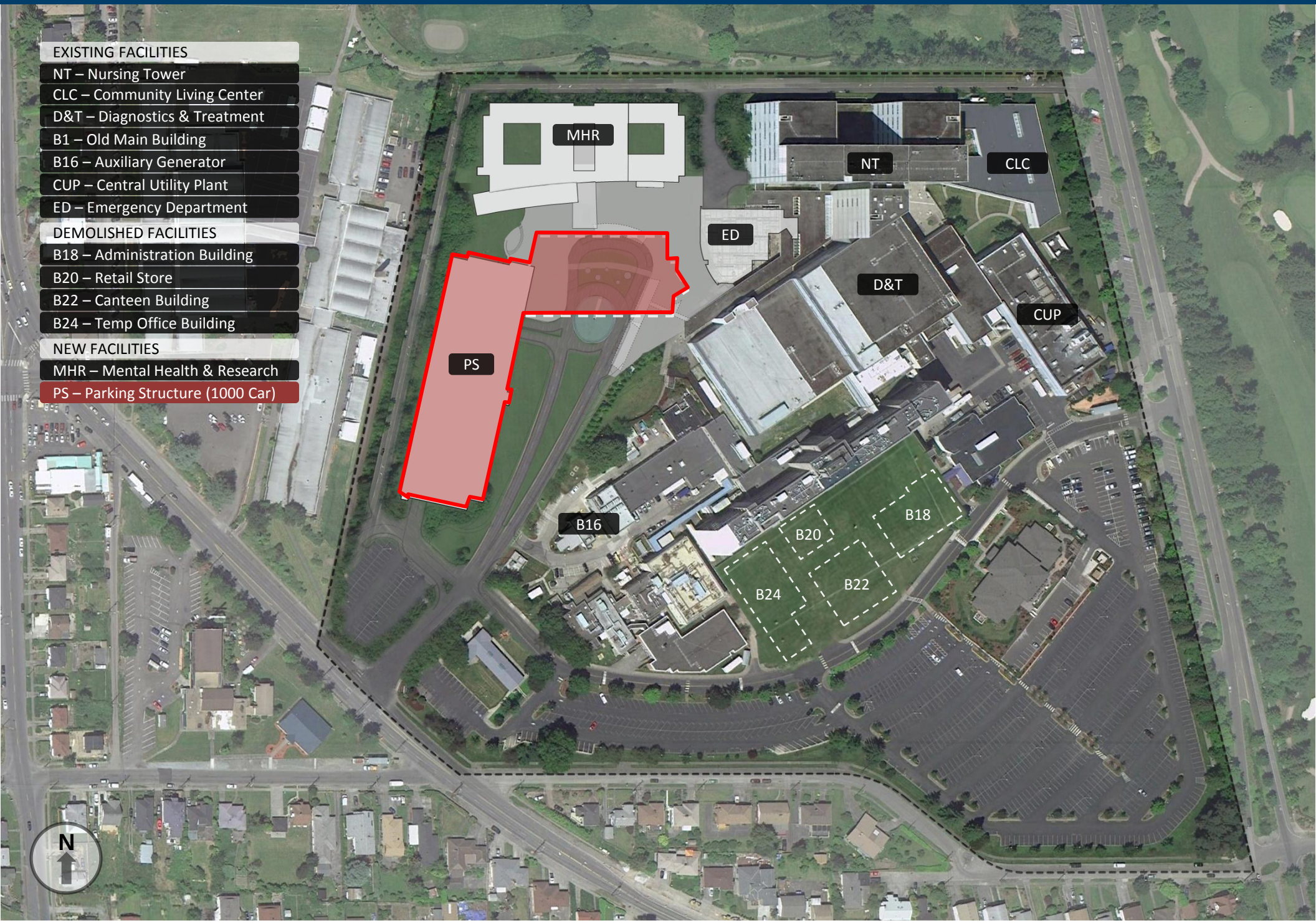
DESIGN

1

PARKING STRUCTURE



AERIAL PERSPECTIVE

NORTH-EAST PERSPECTIVE

PROJECT BACKGROUND

PARKING STRUCTURE

- TOWER- POST TENSIONED CAST IN PLACE CONCRETE STRUCTURE.
- UNDERGROUND EAST WING- CONVENTIONAL CAST IN PLACE CONCRETE STRUCTURE
- CLASSIFICATION: TYPE IIB, OPEN STRUCTURE (TOWER), CLOSED BELOW GRADE STRUCTURE (EAST WING)
- TOTAL NUMBER OF LEVELS: 7
- FULLY SPRINKLERED
- BUILDING AREA: 411,859 SF
- TOTAL PARKING COUNT: 1014 STALLS (TYP 90 DEG PARKING CONFIGURATION) INCLUDES 100 ACCESSIBLE STALLS
  (Accessible stalls =26, SCI/D Van=26, SCI/D = 38, DAV= 10)

- NUMBER OF STAIRS= 5 (4 IN TOWER AND 1 IN EAST WING)
- NUMBER OF ELEVATORS = 5
  3 TRACTION ELEVATORS IN TOWER ,
  2 HYDRAULIC ELEVATORS IN UNDERGROUND EAST WING

PHASE 1 – PARKING STRUCTURE AND ENTRY DRIVE

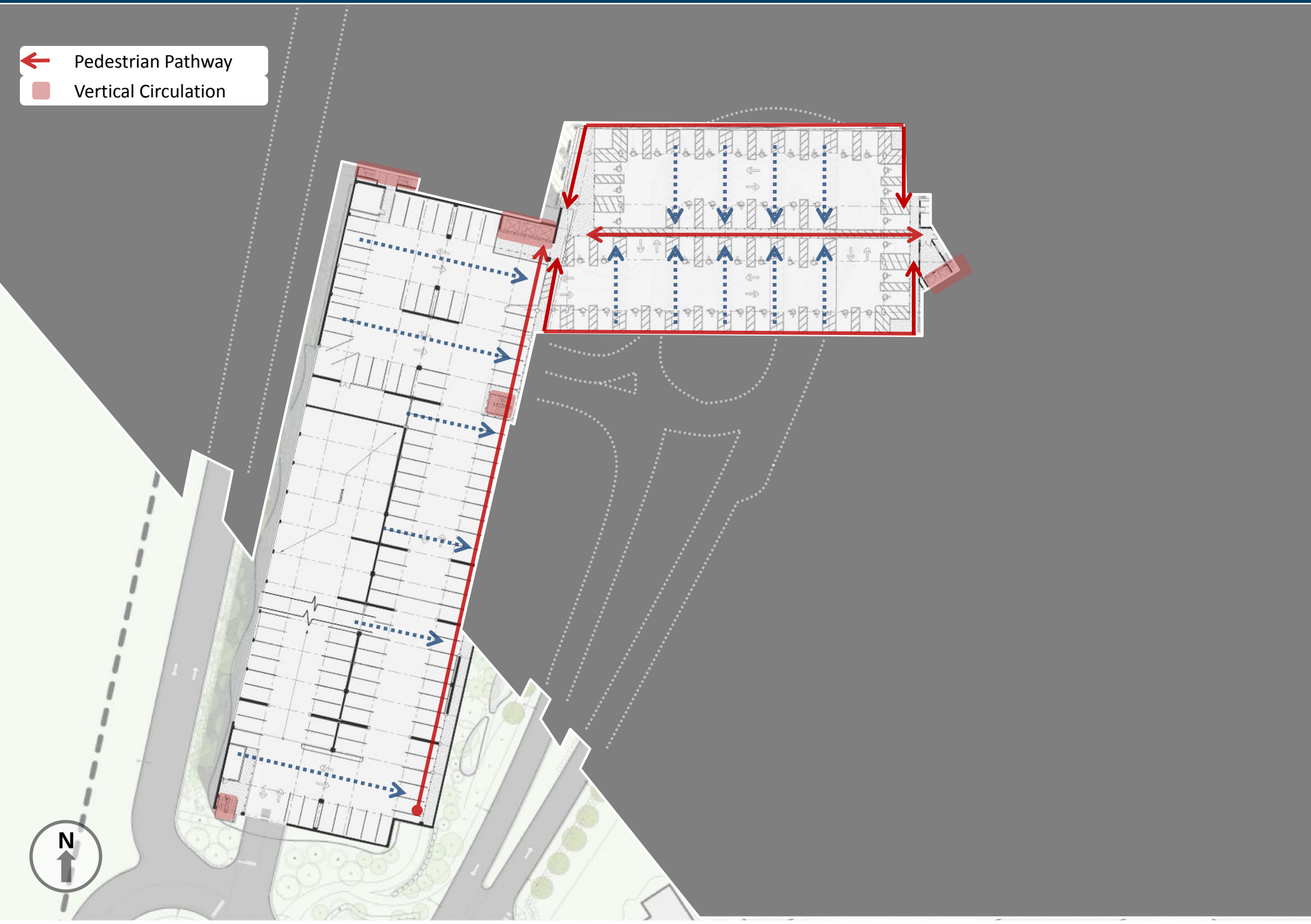
PROJECT BACKGROUND

ENTRY DRIVE

THE NEW ENTRY DRIVE WILL ACT AS THE MAIN PUBLIC ACCESS TO THE FACILITY .
APPROX. AREA 120,660 SQ. FT
PHASE 1 IMPROVEMENTS WILL INCLUDE :

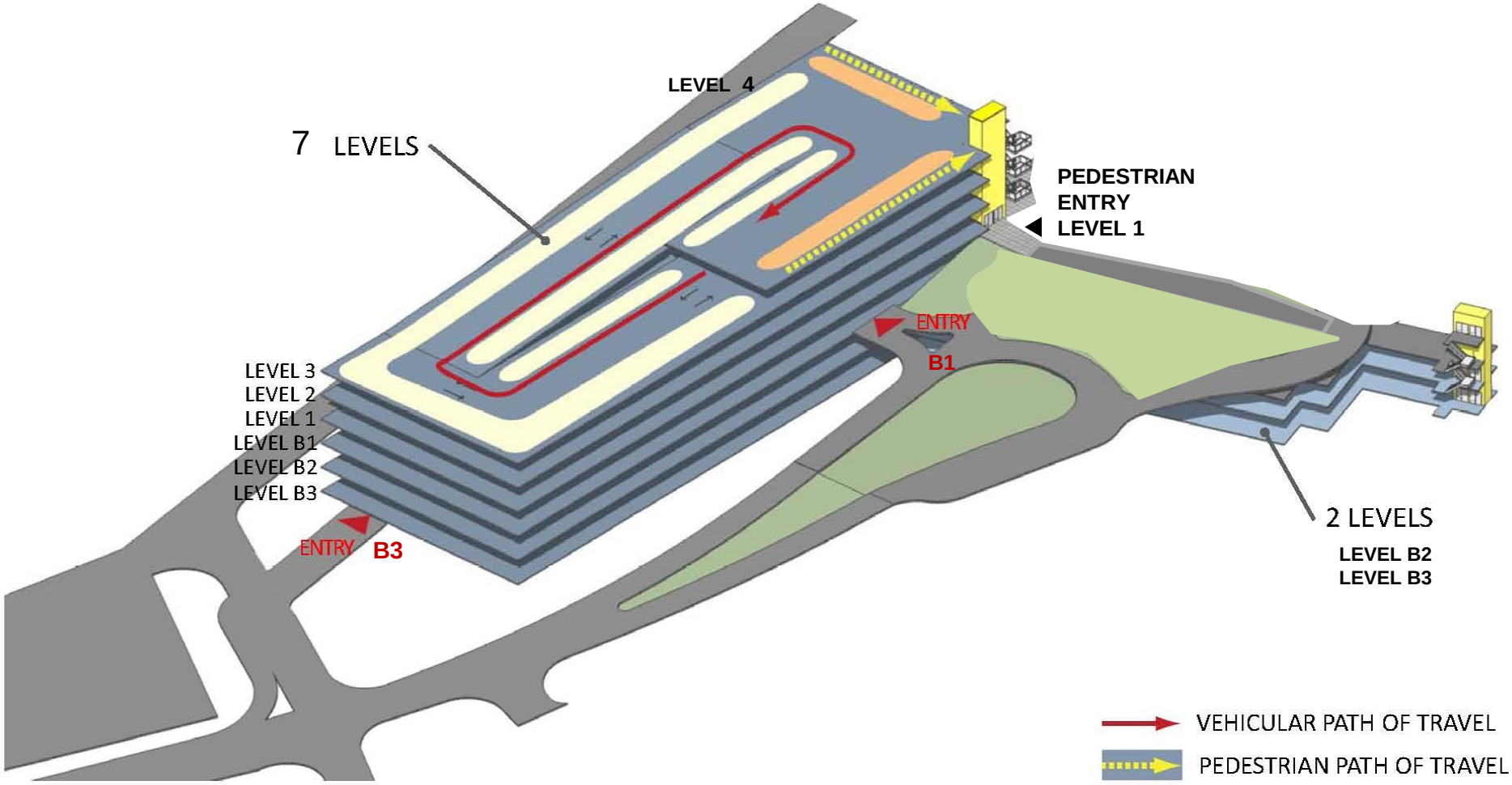
- ACCESS TO THE PARKING STRUCTURE AND ACCESS TO THE ED AND MAIN HOSPITAL BUILDING . THE ENTRY DRIVE ROAD WILL TAKE ADVANTAGE OF THE SLOPING SITE AND PROVIDE 2 VEHICULAR ENTRANCES AT DIFFERENT LEVELS TO THE PARKING STRUCTURE.
- A TURN-AROUND FOR CARS AND BUSES.
- A TEMPORARY DROP OFF AND TEMPORARY WALKWAY FOR PEDESTRIANS CONNECTING THE ED, MAIN HOSPITAL AND PARKING STRUCTURE.
- PULL OUT /DROP OFF FOR BUSES ON THE EAST SIDE (FOR PUBLIC TRANSIT)
- SITE CANOPIES (BUS DROP OFF AND LINK CANOPY)
- THE EAST GARAGE GATEWAY PAVILION WHICH WILL PROVIDE ACCESS TO BELOW GRADE LEVELS (B2- B3) IN THE EAST WING.
- A NEW PLAZA AT THE EAST END OF DRIVE (NEAR ED) WHICH WILL TRANSITION INTO THE PHASE 2 PLAZA DESIGN.
- RAIN GARDENS -THE STORM WATER SYSTEM WILL BENEFIT FROM THE SITE TOPOGRAPHY AND UTILIZE SEVERAL NATURAL DRAINAGE FEATURES ALONG THE DRIVE.

LEVEL B3 (B2 SIMILAR)



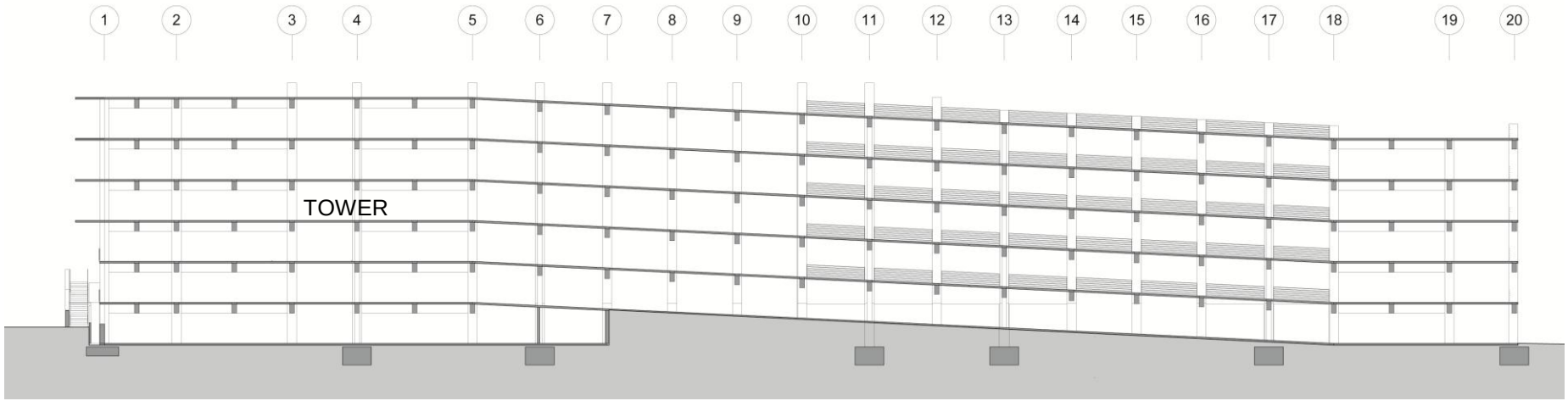
LEVEL 1 (LEVEL B1, 2, 3, 4 SIMILAR)

PARKING STRUCTURE AXON

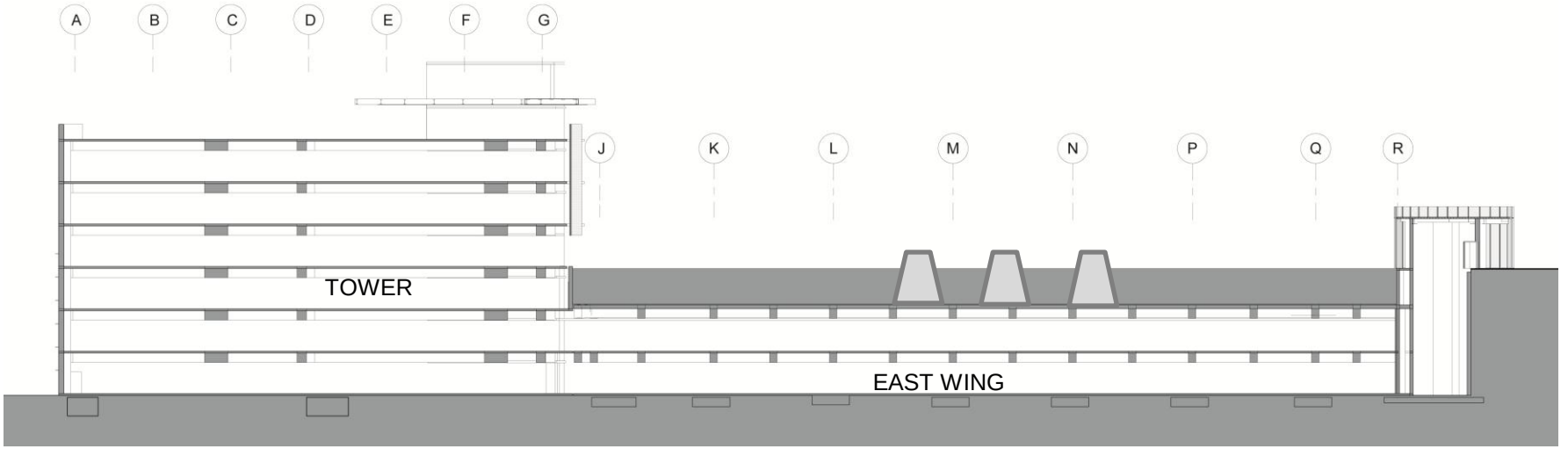


STANTEC | THE DESIGN PARTNERSHIP

BUILDING SECTIONS

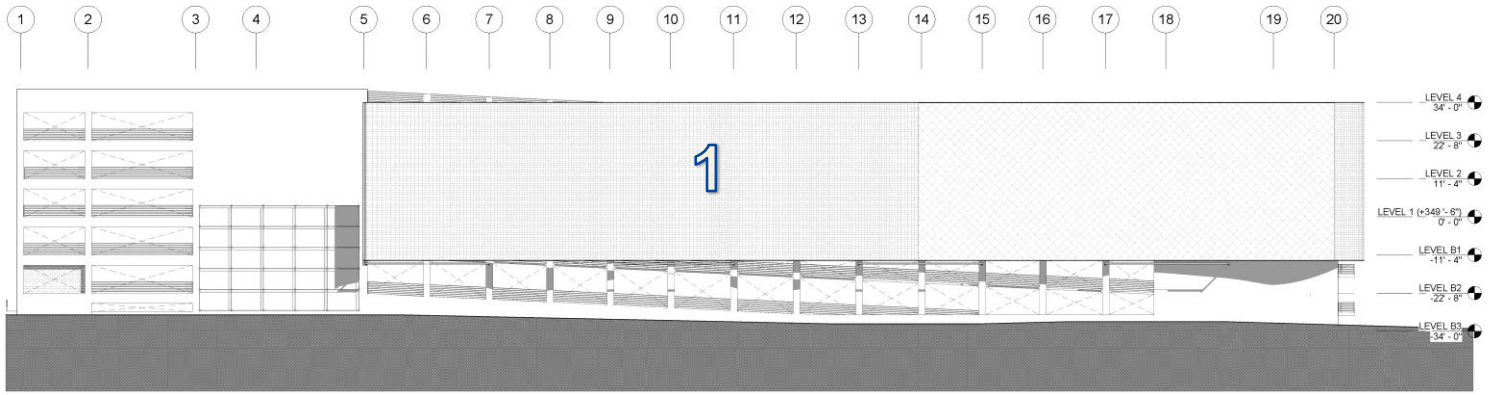


NORTH SOUTH

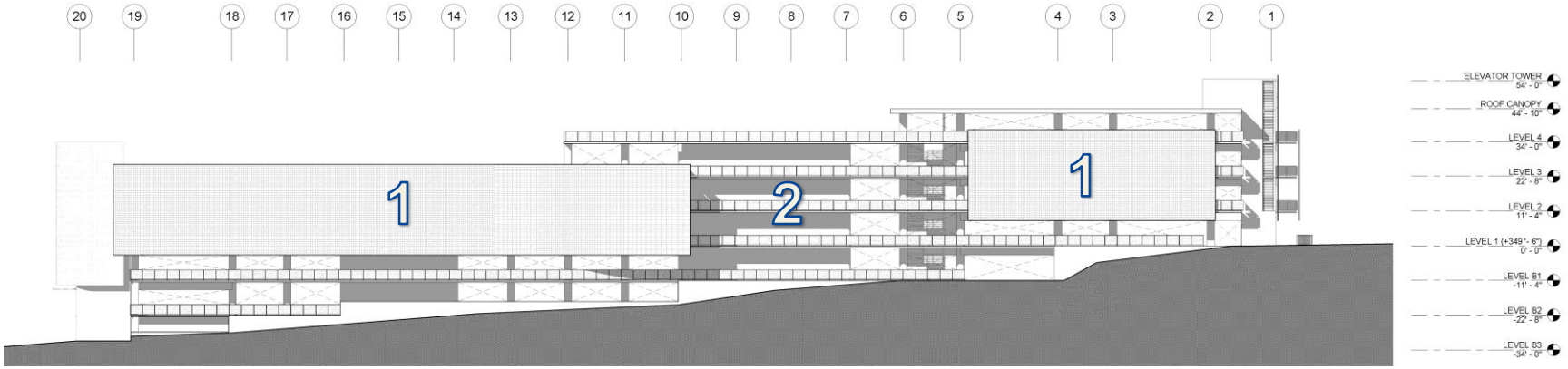


EAST WEST

WEST & EAST ELEVATIONS



WEST

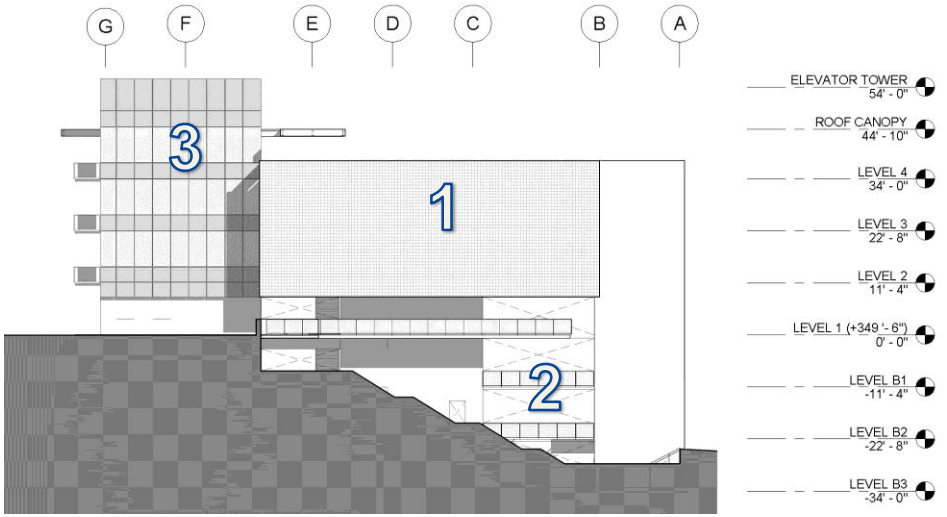


EAST

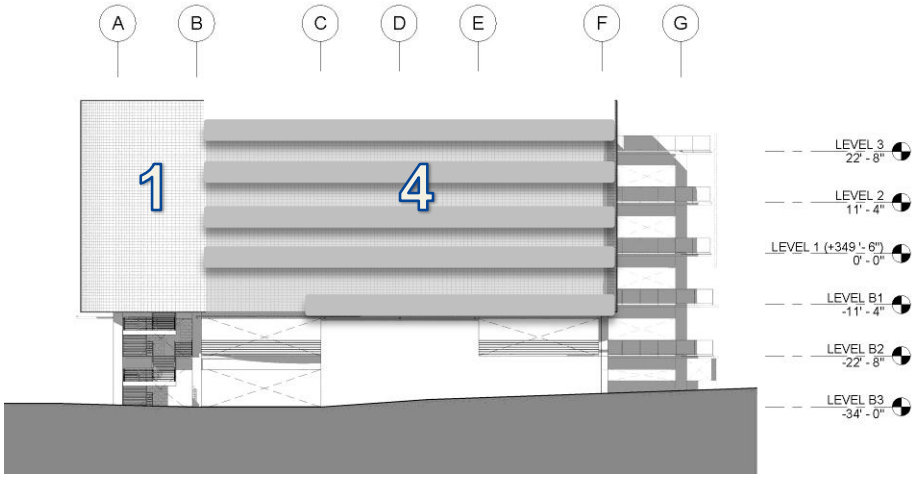
1 Perforated aluminum panel

2 Glass and steel guardrail system

NORTH & SOUTH ELEVATIONS



NORTH



SOUTH

1 Perforated aluminum panel

2 Glass and steel guardrail system

3 Glass curtain wall

4 Photovoltaic panels

SITE PHASING

2

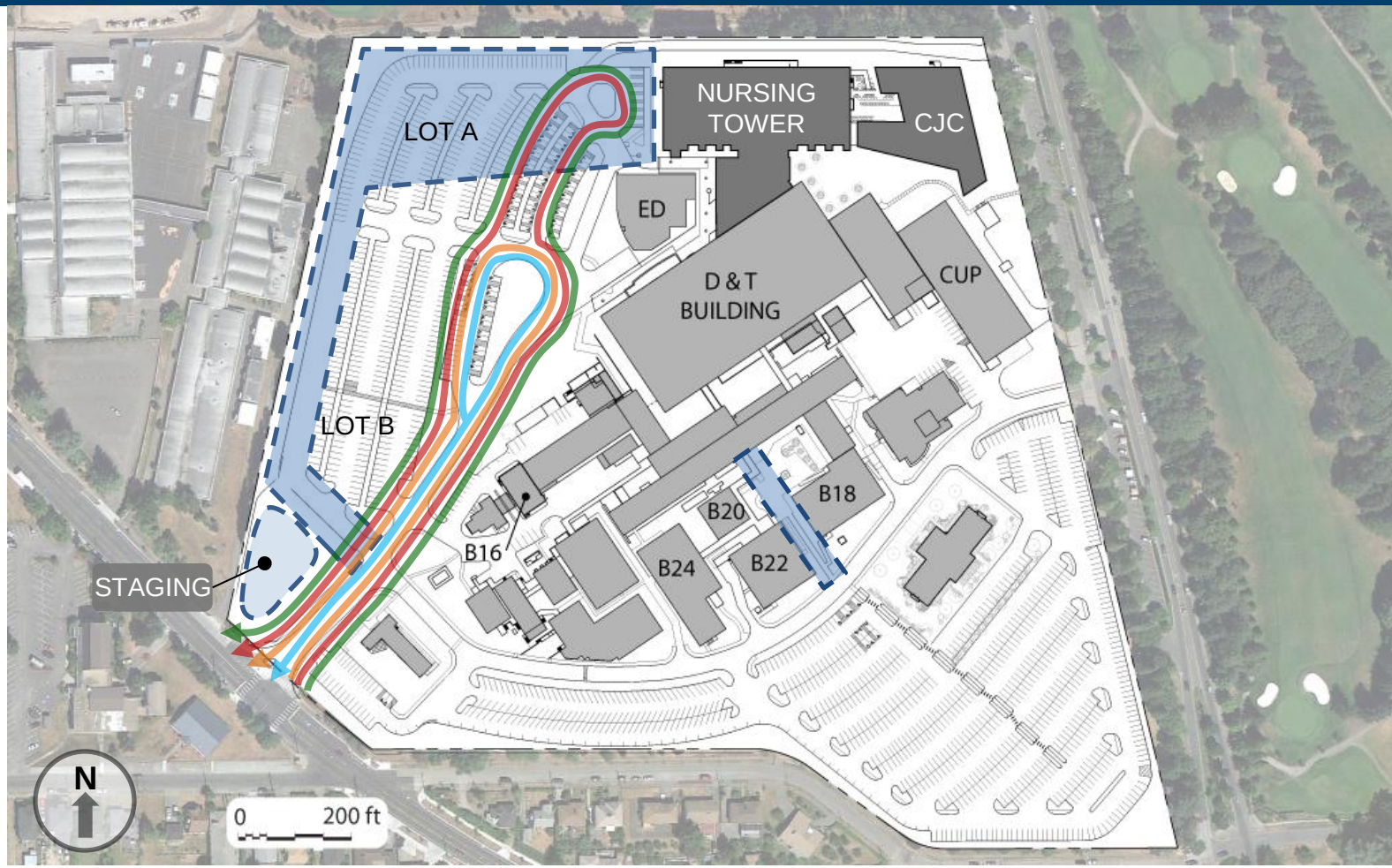
EXISTING ACCESS

- PUBLIC/DROP-OFF
- ACCESSIBLE/SCI
- BUS ACCESS
- AMBULANCE ACCESS

TASK	DURATION	FY 2013				FY 2014				FY 2015				FY 2016			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
SEISMIC PACKAGE	30 Mo.																
PHASE 1 PARKING STRUCTURE	18 Mo.			BID													
ESTIMATED PARKING SPACES		1,628	1,628	1,459													

PHASE 1 PARKING STRUCTURE - PART 1 : LOT A DROP-OFF & TEMPORARY ACCESS

- PUBLIC/DROP-OFF
- ACCESSIBLE/SCI
- BUS ACCESS
- AMBULANCE ACCESS



TASK	DURATION	FY 2013 Q1	Q2	Q3	Q4	FY 2014 Q1	Q2	Q3	Q4	FY 2015 Q1	Q2	Q3	Q4	FY 2016 Q1	Q2	Q3	Q4
SEISMIC PACKAGE	**30 Mo.**																
PHASE 1 PARKING STRUCTURE	**18 Mo.**			BID													
Part 1: Lot A Drop-off & Temp Access	3 Mo.																
ESTIMATED PARKING SPACES		1,628	1,628	1,459	1,181												

PHASE 1 PARKING STRUCTURE - PART 2 : PARKING STRUCTURE

- PUBLIC/DROP-OFF
- ACCESSIBLE/SCI
- BUS ACCESS
- AMBULANCE ACCESS

TASK	DURATION	FY 2013 Q1	Q2	Q3	Q4	FY 2014 Q1	Q2	Q3	Q4	FY 2015 Q1	Q2	Q3	Q4	FY 2016 Q1	Q2	Q3	Q4
SEISMIC PACKAGE	**30 Mo.**																
PHASE 1 PARKING STRUCTURE	**18 Mo.**			BID													
Part 1: Lot A Drop-off & Temp Access	3 Mo.																
Part 2A: Below Grade PS & Turnaround	9 Mo.																
Part 2B: Parking Structure	15 Mo.																
PHASE 2 MH&R	**27 Mo.**							BID									
ESTIMATED PARKING SPACES		1,628	1,628	1,459	1,181	1,181	1,181	1,181									

PHASE 2 MH&R - PART 1 : MENTAL HEALTH & RESEARCH BUILDING

- PUBLIC/DROP-OFF
- ACCESSIBLE/SCI
- BUS ACCESS
- AMBULANCE ACCESS

TASK	DURATION	FY 2013 Q1	Q2	Q3	Q4	FY 2014 Q1	Q2	Q3	Q4	FY 2015 Q1	Q2	Q3	Q4	FY 2016 Q1	Q2	Q3	Q4
SEISMIC PACKAGE	**30 Mo.**																
PHASE 1 PARKING STRUCTURE	**18 Mo.**			BID													
Part 1: Lot A Drop-off & Temp Access	3 Mo.																
Part 2A: Below Grade PS & Turnaround	9 Mo.																
Part 2B: Parking Structure	15 Mo.																
PHASE 2 MH&R	**27 Mo.**							BID									
Part 1: MH&R Building	24 Mo.																
ESTIMATED PARKING SPACES		1,628	1,628	1,459	1,181	1,181	1,181	1,181	993	993	1,993	1,993	1,993	1,993			

PHASE 1 MH&R - PART 2 : PASSENGER LOADING/ PLAZA/ LOOP ROAD

- PUBLIC/DROP-OFF
- ACCESSIBLE/SCI
- BUS ACCESS
- AMBULANCE ACCESS

TASK	DURATION	FY 2013				FY 2014				FY 2015				FY 2016			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
SEISMIC PACKAGE	**30 Mo.**																
PHASE 1 PARKING STRUCTURE	**18 Mo.**			BID													
Part 1: Lot A Drop-off & Temp Access	3 Mo.																
Part 2A: Below Grade PS & Turnaround	9 Mo.																
Part 2B: Parking Structure	15 Mo.																
PHASE 2 MH&R	**27 Mo.**							BID									
Part 1: MH&R Building	24 Mo.																
Part 2: Pass. Loading/Plaza Roads	6 Mo.																
ESTIMATED PARKING SPACES		1,628	1,628	1,459	1,181	1,181	1,181	1,181	993	993	1,993	1,993	1,993	1,993	1,993	1,993	

PHASE 2 MH&R - PART 3 : DEMO BUILDINGS 18, 20, 22, & 24

- PUBLIC/DROP-OFF
- ACCESSIBLE/SCI
- BUS ACCESS
- AMBULANCE ACCESS

TASK	DURATION	FY 2013				FY 2014				FY 2015				FY 2016			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
SEISMIC PACKAGE	**30 Mo.**																
PHASE 1 PARKING STRUCTURE	**17 Mo.**			BID													
Part 1: Lot A Drop-off & Temp Access	3 Mo.																
Part 2A: Below Grade PS & Turnaround	9 Mo.																
Part 2B: Parking Structure	15 Mo.																
PHASE 2 MH&R	**27 Mo.**							BID									
Part 1: MH&R Building	24 Mo.																
Part 2: Pass. Loading/Plaza Roads	6 Mo.																
Part 3: Demo Bldgs 18, 20, 22 ,& 24	3 Mo.																
ESTIMATED PARKING SPACES		1,628	1,628	1,459	1,181	1,181	1,181	1,181	993	993	1,993	1,993	1,993	1,993	1,993	1,993	2,056

RISK ANALYSIS

3

PHASE 1 – PARKING STRUCTURE AND ENTRY DRIVE

RISK ANALYSIS

- COMMUNICATIONS / COORDINATION

GOOD LINES OF COMMUNICATION, PROCESS AND PROTOCOL WILL NEED TO BE DEFINED BETWEEN CONTRACTOR, VARIOUS VA STAKEHOLDERS, AND OTHER CONTRACTORS WORKING ON SITE, AS INEFFECTIVE COMMUNICATION AND COORDINATION COULD LEAD TO PROJECT INTERRUPTION OR DELAYS, WITH POSSIBLE SCOPE CREEP AND COST IMPACTS.

- SCHEDULE / PHASING

CONTRACTOR SCHEDULE AND SEQUENCE OF WORK WILL HAVE TO PAY UTMOST ATTENTION TO UTILITY REPLACEMENT & RELOCATION, ROADWAY WORK, OR ACCESS TO ADJACENT BUILDINGS & PARKING LOTS, AS PROJECT INTERRUPTION OR DELAYS AND COST IMPACTS ARE POSSIBLE IF WORK ISN'T PROPERLY SCHEDULED, COORDINATED AND REVIEWED WITH ALL STAKEHOLDERS

THANK YOU